



PROJECT NUMBER

323666

BORING ID:

17C073

Sheet 1 of 2

SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION: West Edge of Secondary Source Area

ELEVATION: 149.42

NORTHING: 2162381.21

EASTING: 6743701.60

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Truck Mounted Direct Push - Power Probe 9630

WATER LEVELS: 8.9 ft bgs

START: 6/23/2005 1:00:00 PM

END: 6/23/2005 2:10:00 PM

LOGGER: B. Moayyad

DEPTH BGS (ft)			STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:		COMMENTS:	
	INTERVAL (ft)			SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.		
	RECOVERY	TYPE-# <small>SS=Spill Spoon ST=Shelby Tube</small>					
						6-6-6 (in) (N)	
0 - 0-9	3.6/ 4.0'			ML - SANDY SILT (ML), brown, moist, loose to medium, blocky, - ~30% very fine sand			
1 -				-			
2 -				-			
3 -				-			
4 -	3.0/ 4.0'			ML -			
5 -				-			
6 -				-			
7 -				-			
8 -				-			
9 - 9-14	3.0/ 4.0'			SWGW - WELL GRADED SAND and WELL GRADED GRAVEL (SW+GW), brown, - wet, medium density, ~45% sand, 45% gravel, 10% fines			
10 -				-			
11 -				-			
12 -	3.0/ 4.0'			SWGW -		13:33 Collect 17C073HP10 at 12 ft	
13 -				-			
14 - 14-22	2.0/ 4.0'			SC - CLAYEY SAND WITH GRAVEL (SC), brown, moist, dense, broken - gravels/cobbles = 30%, 50% sand, 20% fines, gray and rusty - banding in rock and sediment		Looks like weathered bedrock, very hard to push through	
15 -				-			
16 -				-			
17 -				-			
18 -				-			
19 -				-			
20 -	3.0/ 4.0'			SC -			
21 -				-			
22 - 22-24				SC - Same as above, very hard (weathered bedrock?) -		No deeper sample collected due to lack of water below 15 ft	

DEPTH BGS (ft)	STANDARD PENETRATION TEST RESULTS			CORE DESCRIPTION: SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS:
	INTERVAL (ft)	RECOVERY	TYPE-# <small>SS=Split Spoon ST=Shelby Tube</small>		
23 -				-	
24 -				SC - EOB at 24 ft bgs	
25 -				-	